

Serial Number: 10,080,960

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: **ENTERED**  
see page 6
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002

TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt  
 Output Set: N:\CRF3\06072002\J080960.raw

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4 <110> APPLICANT: Millennium Pharmaceuticals, Inc.
5     Glucksmann, Maria
6     Meyers, Rachel
8 <120> TITLE OF INVENTION: 80090, 52874, 52880, 63497, AND 33425
9     METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES THEREOF
12 <130> FILE REFERENCE: 38155-20044.00
14 <140> CURRENT APPLICATION NUMBER: US 10/080,960
15 <141> CURRENT FILING DATE: 2001-10-19
17 <150> PRIOR APPLICATION NUMBER: US 60/242,040
18 <151> PRIOR FILING DATE: 2000-10-20
20 <150> PRIOR APPLICATION NUMBER: US 60/242,038
21 <151> PRIOR FILING DATE: 2000-10-20
23 <150> PRIOR APPLICATION NUMBER: US 60/241,992
24 <151> PRIOR FILING DATE: 2000-10-20
26 <150> PRIOR APPLICATION NUMBER: US 60/242,637
27 <151> PRIOR FILING DATE: 2000-10-23
29 <160> NUMBER OF SEQ ID NOS: 37
31 <170> SOFTWARE: FastSEQ for Windows Version 4.0
33 <210> SEQ ID NO: 1
34 <211> LENGTH: 1669
35 <212> TYPE: DNA
36 <213> ORGANISM: Homo sapiens
38 <220> FEATURE:
39 <221> NAME/KEY: CDS
40 <222> LOCATION: (163)...(1623)
42 <400> SEQUENCE: 1
43 cacgcgtccg ctctgctgct ctagtggtga ctttggcgtc tcaggtgatc catgactttt      60
44 taaagccaat ataatttctt actccttctg gagtgctgct tggctttcac tcagtggttt      120
45 tttttttttt cttttttggc cttggatacc gttgagaatc ta atg aaa gtc acg      174
                                     Met Lys Val Thr
46                                     1
47
49 ggc cct ccc cag gga gtt aca gac tcc atg caa tgc ttc aat gat cag      222
50 Gly Pro Pro Gln Gly Val Thr Asp Ser Met Gln Cys Phe Asn Asp Gln
51 5                                     10                                     15                                     20
53 tgg cct tta tct aac acc agg agc agc gag cac ata aaa gag gtc atg      270
54 Trp Pro Leu Ser Asn Thr Arg Ser Ser Glu His Ile Lys Glu Val Met
55                                     25                                     30                                     35
57 gtt gag ctg ggg aag ttt gaa agg aag gag ttt aaa agt tcc agt ttg      318
58 Val Glu Leu Gly Lys Phe Glu Arg Lys Glu Phe Lys Ser Ser Ser Leu
59                                     40                                     45                                     50
61 caa gat gga cat aca aaa atg gag gaa gca cct acg cat ctt aat tca      366
62 Gln Asp Gly His Thr Lys Met Glu Glu Ala Pro Thr His Leu Asn Ser
63                                     55                                     60                                     65

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002

TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt

Output Set: N:\CRF3\06072002\J080960.raw

65	ttt	ctt	aag	aaa	gaa	gga	ttg	acc	ttc	aac	agg	aaa	aga	aaa	tgg	gaa	414
66	Phe	Leu	Lys	Lys	Glu	Gly	Leu	Thr	Phe	Asn	Arg	Lys	Arg	Lys	Trp	Glu	
67		70					75					80					
69	ttg	gac	agc	tac	ccc	att	atg	ctc	tgg	tgg	tcc	ccg	ctg	acg	ggg	gag	462
70	Leu	Asp	Ser	Tyr	Pro	Ile	Met	Leu	Trp	Trp	Ser	Pro	Leu	Thr	Gly	Glu	
71	85				90						95				100		
73	act	ggg	agg	tta	ggc	caa	tgt	gga	gca	gat	gct	tgt	ttc	ttc	acc	atc	510
74	Thr	Gly	Arg	Leu	Gly	Gln	Cys	Gly	Ala	Asp	Ala	Cys	Phe	Phe	Thr	Ile	
75				105					110					115			
77	aac	cgg	acc	tac	ctc	cat	cat	cac	atg	acc	aaa	gca	ttc	ctc	ttc	tat	558
78	Asn	Arg	Thr	Tyr	Leu	His	His	His	Met	Thr	Lys	Ala	Phe	Leu	Phe	Tyr	
79			120					125				130					
81	ggt	act	gac	ttt	aac	ata	gat	agc	tta	cct	ctg	cct	cgg	aaa	gcc	cat	606
82	Gly	Thr	Asp	Phe	Asn	Ile	Asp	Ser	Leu	Pro	Leu	Pro	Arg	Lys	Ala	His	
83			135				140					145					
85	cat	gac	tgg	gct	gtt	ttt	cat	gaa	gag	tcc	ccg	aaa	aac	aat	tat	aag	654
86	His	Asp	Trp	Ala	Val	Phe	His	Glu	Glu	Ser	Pro	Lys	Asn	Asn	Tyr	Lys	
87		150				155					160						
89	ctc	ttt	cat	aaa	cca	gtg	att	acc	ttg	ttc	aac	tac	act	gcc	acg	ttc	702
90	Leu	Phe	His	Lys	Pro	Val	Ile	Thr	Leu	Phe	Asn	Tyr	Thr	Ala	Thr	Phe	
91	165				170					175					180		
93	agc	agg	cat	tcc	cac	ttg	cca	cta	act	acc	caa	tac	ttg	gag	agc	att	750
94	Ser	Arg	His	Ser	His	Leu	Pro	Leu	Thr	Thr	Gln	Tyr	Leu	Glu	Ser	Ile	
95			185					190				195					
97	gaa	gtc	ctg	aag	tca	ctc	cga	tac	cta	gtt	cct	ttg	cag	tcc	aaa	aac	798
98	Glu	Val	Leu	Lys	Ser	Leu	Arg	Tyr	Leu	Val	Pro	Leu	Gln	Ser	Lys	Asn	
99			200					205				210					
101	aag	ctt	aga	aaa	aga	ctt	gct	ccg	ctg	gtg	tat	gta	cag	tca	gac	tgt	846
102	Lys	Leu	Arg	Lys	Arg	Leu	Ala	Pro	Leu	Val	Tyr	Val	Gln	Ser	Asp	Cys	
103			215					220				225					
105	gac	cca	cca	tca	gac	agg	gac	agc	tat	gtt	cgc	gag	ctg	atg	act	tac	894
106	Asp	Pro	Pro	Ser	Asp	Arg	Asp	Ser	Tyr	Val	Arg	Glu	Leu	Met	Thr	Tyr	
107		230				235					240						
109	atc	gag	gtc	gat	tcc	tat	ggt	gaa	tgt	tta	cga	aac	aaa	gac	ctc	cct	942
110	Ile	Glu	Val	Asp	Ser	Tyr	Gly	Glu	Cys	Leu	Arg	Asn	Lys	Asp	Leu	Pro	
111	245				250				255					260			
113	cag	cag	ctg	aaa	aat	cca	gcc	tct	atg	gat	gcc	gat	ggc	ttt	tat	agg	990
114	Gln	Gln	Leu	Lys	Asn	Pro	Ala	Ser	Met	Asp	Ala	Asp	Gly	Phe	Tyr	Arg	
115				265				270					275				
117	atc	att	gca	cag	tat	aag	ttt	atc	cta	gct	ttt	gag	aat	gca	gtt	tgt	1038
118	Ile	Ile	Ala	Gln	Tyr	Lys	Phe	Ile	Leu	Ala	Phe	Glu	Asn	Ala	Val	Cys	
119			280					285				290					
121	gat	gac	tac	atc	act	gag	aag	ttc	tgg	agg	cca	ctg	aaa	ctg	ggg	gta	1086
122	Asp	Asp	Tyr	Ile	Thr	Glu	Lys	Phe	Trp	Arg	Pro	Leu	Lys	Leu	Gly	Val	
123			295				300					305					
125	gtc	cct	gta	tat	tac	gga	tcc	ccc	agc	atc	aca	gac	tgg	ctt	cca	agt	1134
126	Val	Pro	Val	Tyr	Tyr	Gly	Ser	Pro	Ser	Ile	Thr	Asp	Trp	Leu	Pro	Ser	
127		310				315					320						
129	aac	aaa	agt	gct	att	ctt	gta	tca	gaa	ttt	tct	cac	ccc	agg	gaa	ctg	1182

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002

TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt

Output Set: N:\CRF3\06072002\J080960.raw

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130 Asn Lys Ser Ala Ile Leu Val Ser Glu Phe Ser His Pro Arg Glu Leu
131 325 330 335 340
133 gca agt tac atc aga cga ctg gat tct gat gac aga ttg tat gag gcc 1230
134 Ala Ser Tyr Ile Arg Arg Leu Asp Ser Asp Asp Arg Leu Tyr Glu Ala
135 345 350 355
137 tat gta gaa tgg aag ctg aag ggt gag atc tct aac cag cga ctt ctg 1278
138 Tyr Val Glu Trp Lys Leu Lys Gly Glu Ile Ser Asn Gln Arg Leu Leu
139 360 365 370
141 aca gct ctc agg gaa cgg aaa tgg gga gtg caa gac gtc aac cag gac 1326
142 Thr Ala Leu Arg Glu Arg Lys Trp Gly Val Gln Asp Val Asn Gln Asp
143 375 380 385
145 aat tac atc gat gca ttt gag tgt atg gtg tgc acc aag gtg tgg gct 1374
146 Asn Tyr Ile Asp Ala Phe Glu Cys Met Val Cys Thr Lys Val Trp Ala
147 390 395 400
149 aat atc agg ctt cag gaa aag ggc tta cca ccc aaa aga tgg gag gca 1422
150 Asn Ile Arg Leu Gln Glu Lys Gly Leu Pro Pro Lys Arg Trp Glu Ala
151 405 410 415 420
153 gaa gat acc cac ctg agt tgc cca gag ccc aca gtg ttt gct ttc tca 1470
154 Glu Asp Thr His Leu Ser Cys Pro Glu Pro Thr Val Phe Ala Phe Ser
155 425 430 435
157 cca ctc cgg act cca cct ttg agc tct ttg cga gag atg tgg att tcc 1518
158 Pro Leu Arg Thr Pro Pro Leu Ser Ser Leu Arg Glu Met Trp Ile Ser
159 440 445 450
161 agc ttt gaa caa tcc aag aaa gaa gcc cag gca cta agg tgg ctg gtt 1566
162 Ser Phe Glu Gln Ser Lys Lys Glu Ala Gln Ala Leu Arg Trp Leu Val
163 455 460 465
165 gat agg aat caa aac ttt tca tct caa gag ttt tgg ggc cta gta ttc 1614
166 Asp Arg Asn Gln Asn Phe Ser Ser Gln Glu Phe Trp Gly Leu Val Phe
167 470 475 480
169 aag gac tga tttcaaaaat gatcagaatg aaacagaaaa aaaaaaaaaa 1663
170 Lys Asp *
171 485 1669
173 aaaaaa
175 <210> SEQ ID NO: 2
176 <211> LENGTH: 486
177 <212> TYPE: PRT
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 2
181 Met Lys Val Thr Gly Pro Pro Gln Gly Val Thr Asp Ser Met Gln Cys
182 1 5 10 15
183 Phe Asn Asp Gln Trp Pro Leu Ser Asn Thr Arg Ser Ser Glu His Ile
184 20 25 30
185 Lys Glu Val Met Val Glu Leu Gly Lys Phe Glu Arg Lys Glu Phe Lys
186 35 40 45
187 Ser Ser Ser Leu Gln Asp Gly His Thr Lys Met Glu Glu Ala Pro Thr
188 50 55 60
189 His Leu Asn Ser Phe Leu Lys Lys Glu Gly Leu Thr Phe Asn Arg Lys
190 65 70 75 80
191 Arg Lys Lys Trp Glu Leu Asp Ser Tyr Pro Ile Met Leu Trp Trp Ser Pro

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002

TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt

Output Set: N:\CRF3\06072002\J080960.raw

192				85					90				95
193	Leu	Thr	Gly	Glu	Thr	Gly	Arg	Leu	Gly	Gln	Cys	Gly	Ala
194				100					105				110
195	Phe	Phe	Thr	Ile	Asn	Arg	Thr	Tyr	Leu	His	His	His	Met
196			115					120					125
197	Phe	Leu	Phe	Tyr	Gly	Thr	Asp	Phe	Asn	Ile	Asp	Ser	Leu
198		130					135					140	
199	Arg	Lys	Ala	His	His	Asp	Trp	Ala	Val	Phe	His	Glu	Glu
200	145					150					155		160
201	Asn	Asn	Tyr	Lys	Leu	Phe	His	Lys	Pro	Val	Ile	Thr	Leu
202				165						170			175
203	Thr	Ala	Thr	Phe	Ser	Arg	His	Ser	His	Leu	Pro	Leu	Thr
204			180						185				190
205	Leu	Glu	Ser	Ile	Glu	Val	Leu	Lys	Ser	Leu	Arg	Tyr	Leu
206			195					200					205
207	Gln	Ser	Lys	Asn	Lys	Leu	Arg	Lys	Arg	Leu	Ala	Pro	Leu
208		210					215					220	
209	Gln	Ser	Asp	Cys	Asp	Pro	Pro	Ser	Asp	Arg	Asp	Ser	Tyr
210	225					230					235		240
211	Leu	Met	Thr	Tyr	Ile	Glu	Val	Asp	Ser	Tyr	Gly	Glu	Cys
212				245					250				255
213	Lys	Asp	Leu	Pro	Gln	Gln	Leu	Lys	Asn	Pro	Ala	Ser	Met
214			260						265				270
215	Gly	Phe	Tyr	Arg	Ile	Ile	Ala	Gln	Tyr	Lys	Phe	Ile	Leu
216		275						280				285	
217	Asn	Ala	Val	Cys	Asp	Asp	Tyr	Ile	Thr	Glu	Lys	Phe	Trp
218		290					295					300	
219	Lys	Leu	Gly	Val	Val	Pro	Val	Tyr	Tyr	Gly	Ser	Pro	Ser
220	305					310				315			320
221	Trp	Leu	Pro	Ser	Asn	Lys	Ser	Ala	Ile	Leu	Val	Ser	Glu
222				325						330			335
223	Pro	Arg	Glu	Leu	Ala	Ser	Tyr	Ile	Arg	Arg	Leu	Asp	Ser
224			340						345				350
225	Leu	Tyr	Glu	Ala	Tyr	Val	Glu	Trp	Lys	Leu	Lys	Gly	Glu
226			355					360				365	
227	Gln	Arg	Leu	Leu	Thr	Ala	Leu	Arg	Glu	Arg	Lys	Trp	Gly
228		370					375					380	
229	Val	Asn	Gln	Asp	Asn	Tyr	Ile	Asp	Ala	Phe	Glu	Cys	Met
230	385					390					395		400
231	Lys	Val	Trp	Ala	Asn	Ile	Arg	Leu	Gln	Glu	Lys	Gly	Leu
232				405						410			415
233	Arg	Trp	Glu	Ala	Glu	Asp	Thr	His	Leu	Ser	Cys	Pro	Glu
234			420						425				430
235	Phe	Ala	Phe	Ser	Pro	Leu	Arg	Thr	Pro	Pro	Leu	Ser	Ser
236			435					440				445	
237	Met	Trp	Ile	Ser	Ser	Phe	Glu	Gln	Ser	Lys	Lys	Glu	Ala
238		450					455					460	
239	Arg	Trp	Leu	Val	Asp	Arg	Asn	Gln	Asn	Phe	Ser	Ser	Gln
240	465					470				475			480

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002  
TIME: 10:50:59

Input Set : N:\jumbos\10080960\PTOMS.txt  
Output Set : N:\CRF3\06072002\J080960.raw

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241 Gly Leu Val Phe Lys Asp
242                               485
244 <210> SEQ ID NO: 3
245 <211> LENGTH: 1461
246 <212> TYPE: DNA
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 3
250 atgaaagtca cgggccctcc ccagggagtt acagactcca tgcaatgctt caatgatcag      60
251 tggcctttat ctaacaccag gagcagcgag cacataaaag aggtcatggt tgagctgggg      120
252 aagtttgaaa ggaaggagtt taaaagttcc agtttgcaag atggacatac aaaaatggag      180
253 gaagcaccta cgcattctta ttcattttct aagaaagaag gattgacctt caacaggaaa      240
254 agaaaatggg aattggacag ctacccatt atgctctggt ggtccccgct gacgggggag      300
255 actgggaggt taggccaatg tggagcagat gcttgtttct tcaccatcaa ccggacctac      360
256 ctccatcatc acatgaccaa agcattcctc ttctatggta ctgactttaa catagatagc      420
257 ttacctctgc ctcggaagc ccatcatgac tgggctgttt ttcatgaaga gtccccgaaa      480
258 aacaattata agctctttca taaaccagtg attaccttgt tcaactacac tgccacgttc      540
259 agcaggcatt cccacttgcc actaactacc caatacttgg agagcattga agtcctgaag      600
260 tcaactccgat acctagttcc tttgcagtc aaaacaagc ttagaaaaag acttgctccg      660
261 ctggtgtatg tacagtcaga ctgtgaccca ccatcagaca gggacagcta tgttcgcgag      720
262 ctgatgactt acatcgaggt cgattcctat ggtgaatggt tacgaaacaa agacctccct      780
263 cagcagctga aaaatccagc ctctatggat gccgatggct tttataggat cattgcacag      840
264 tataagttta tcctagcttt tgagaatgca gtttgtgatg actacatcac tgagaagttc      900
265 tggaggccac tgaaactggg ggtagtccct gtatattacg gatccccag catcacagac      960
266 tggcttccaa gtaacaaaag tgctattctt gtatcagaat tttctcacc cagggaactg     1020
267 gcaagttaca tcagacgact ggattctgat gacagattgt atgaggccta tgtagaatgg     1080
268 aagctgaagg gtgagatctc taaccagcga cttctgacag ctctcaggga acggaaatgg     1140
269 ggagtgcgaag acgtcaacca ggacaattac atcgatgcat ttgagtgtat ggtgtgcacc     1200
270 aagggtgtggg ctaatatcag gcttcaggaa aagggttac caccctaaaag atgggaggga     1260
271 gaagataccc acctgagttg cccagagccc acagtgtttg ctttctcacc actccggact     1320
272 ccacctttga gctctttgcg agagatgtgg atttccagct ttgaacaatc caagaaagaa     1380
273 gcccaggcac taaggtggct ggttgatagg aatcaaaact tttcatctca agagttttgg     1440
274 ggcctagtat tcaaggactg a
276 <210> SEQ ID NO: 4
277 <211> LENGTH: 1420
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
281 <220> FEATURE:
282 <221> NAME/KEY: CDS
283 <222> LOCATION: (32)...(1417)
285 <400> SEQUENCE: 4
286 agctgccttt gcagactcta actccagcag c atg aat gtg tcc ttt gct cac      52
287                               Met Asn Val Ser Phe Ala His
288                               1                               5
290 ctc cac ttt gcc gga ggg tac ctg ccc tct gat tcc cag gac tgg aga      100
291 Leu His Phe Ala Gly Gly Tyr Leu Pro Ser Asp Ser Gln Asp Trp Arg
292                               10                               20
294 acc atc atc ccg gct ctc ttg gtg gct gtc tgc ctg gtg ggc ttc gtg      148
295 Thr Ile Ile Pro Ala Leu Leu Val Ala Val Cys Leu Val Gly Phe Val
296                               25                               30                               35

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002  
TIME: 10:51:00

Input Set : N:\jumbos\10080960\PTOMS.txt  
Output Set: N:\CRF3\06072002\J080960.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:36; Xaa Pos. 28,29,38,39,74,75  
Seq#:37; Xaa Pos. 13,14,15,39,40,47,48

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/080,960

DATE: 06/07/2002

TIME: 10:51:00

Input Set : N:\jumbos\10080960\PTOMS.txt

Output Set: N:\CRF3\06072002\J080960.raw

L:1836 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1840 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36  
L:1843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16  
L:1845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:32  
L:1849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:64  
L:1860 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1864 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37  
L:1865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:1869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:32



**Does Not Comply  
Corrected Diskette Needed**



OIKE

## RAW SEQUENCE LISTING

DATE: 06/03/2002

PATENT APPLICATION: US/10/080,960

TIME: 13:48:06

Input Set : D:\38155-20044.txt

Output Set: N:\CRF3\06032002\J080960.raw

4 <110> APPLICANT: Millennium Pharmaceuticals, Inc.  
 5 Glucksmann, Maria  
 6 Meyers, Rachel  
 8 <120> TITLE OF INVENTION: 80090, 52874, 52880, 63497, AND 33425  
 9 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES THEREOF  
 12 <130> FILE REFERENCE: 38155-20044.00  
 14 <140> CURRENT APPLICATION NUMBER: US 10/080,960  
 15 <141> CURRENT FILING DATE: 2001-10-19  
 17 <150> PRIOR APPLICATION NUMBER: US 60/242,040  
 18 <151> PRIOR FILING DATE: 2000-10-20  
 20 <150> PRIOR APPLICATION NUMBER: US 60/242,038  
 21 <151> PRIOR FILING DATE: 2000-10-20  
 23 <150> PRIOR APPLICATION NUMBER: US 60/241,992  
 24 <151> PRIOR FILING DATE: 2000-10-20  
 26 <150> PRIOR APPLICATION NUMBER: US 60/242,637  
 27 <151> PRIOR FILING DATE: 2000-10-23  
 29 <160> NUMBER OF SEQ ID NOS: 37  
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0

## ERRORED SEQUENCES

1852 <210> SEQ ID NO: 37  
 1853 <211> LENGTH: 50  
 1854 <212> TYPE: PRT  
 1855 <213> ORGANISM: Artificial Sequence  
 1857 <220> FEATURE:  
 1858 <223> OTHER INFORMATION: Consensus amino acid sequence  
 W--> 1860 <221> NAME/KEY: VARIANT  
 1861 <222> LOCATION: (1)...(50)  
 1862 <223> OTHER INFORMATION: Xaa = Any Amino Acid  
 W--> 1864 <400> 37  
 W--> 1865 Leu Ile Val Met Phe Trp Ala Cys Pro Gly Ala Cys Xaa Xaa Xaa Ser  
 1866 1 5 10 15  
 1867 Ala Cys Lys Ser Thr Ala Leu Ile Met Arg Gly Ser Ala Cys Pro Asn  
 1868 20 25 30  
 W--> 1869 Val Ser Thr Ala Cys Pro Xaa Xaa Asp Glu Asn Phe Ala Pro Xaa Xaa  
 1870 35 40 45  
 1871 Ile Tyr  
 1872 50  
 E--> 1874 1  
 E--> 1877 33

*Remove extra material at end of file*

## VERIFICATION SUMMARY

DATE: 06/03/2002

PATENT APPLICATION: US/10/080,960

TIME: 13:48:07

Input Set : D:\38155-20044.txt

Output Set: N:\CRF3\06032002\J080960.raw

L:1836 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1840 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:36  
L:1843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:16  
L:1845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:32  
L:1849 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:64  
L:1860 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1864 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:37  
L:1865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:1869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:32  
L:1874 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:37  
M:332 Repeated in SeqNo=37